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## ETT Process Overview

The Drinking Water Enforcement Response Policy<sup>[1]</sup> provides a formula for scoring violations at a public water system (PWS) based on their severity and whether they have returned to compliance (RTCd) or are under a formal enforcement action. The result of that formula is the ETT Score, and if it is 11 or more that PWS becomes a priority for enforcement. Once that happens, the primacy agency is expected to lower the score through returning violations to compliance or issuing a formal, independently-enforceable action within 2 calendar quarters, with a focus towards ultimately returning all violations to compliance.

The ETT formula assigns 1, 5, or 10 points to every unaddressed (not yet under formal enforcement or RTCd) violation, based on the violation's severity. These "S" values are summed for the water system, and the age of the oldest unaddressed violation is added to that total to create the ETT score. The ERP expresses this using the formula:

$$\text{ETT Score} = \text{Sum}(S_1 + S_2 + S_3 + \dots) + \max(n)$$

In practice, there are three overall phases in the ETT calculation:

- Finding all of the violations at water systems and determining their point totals, by:
  - Copying all the violations in the current SDWIS-Fed database from the last 5 years, based on the compliance period end date (or, for open-ended violations, the return to compliance or RTC Date), excluding any violations of unregulated contaminants.
  - Determining the severity, or tier, of the violation.
  - Checking whether the violation is eligible for implicit RTC.
  - Checking the enforcement actions table for whether the violation has RTCd or has been linked to a formal enforcement action.
  - Determining the violation's age in years, or n value, for violations that are neither RTCd nor under formal enforcement.
- Grouping those violations together by PWS, compliance period, violation code, and the drinking water rule violated; and
- Taking the sum of all those point totals plus the maximum value of n for each water system.

Which violations are included in the ETT

The ETT Score is based on violations of regulated contaminants from the past five years. Specifically, that means all violations that meet the following conditions:

- The violation is not for an unregulated contaminant (rule code 500);
- The Validity Indicator is "Y";
- The Compliance Period Begin Date is before the start of the current quarter (i.e., for the July 2015 ETT, a Compliance Period Begin Date on or before June 30, 2015);
- The Compliance Period End Date is blank (open-ended violation) or within 5 years of the start of the current quarter (i.e., for the July 2015 ETT, a Compliance Period End Date on or after July 1, 2010);
- The violation has not RTCd or it has RTCd within 5 years of the start of the current quarter; and
- The PWS is currently active.

Violation Tiers or Severity (S) values

SWTR/GWR Treatment Technique (TT) violations are Tier 1; and TCR Repeat Monitoring and Nitrate

Tier	Severity points	Description
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	1	10	Acute violation: Public Notice Tier 1 plus SWTR/GWR TT (Violation Code 41). The full list includes: Nitrate and/or Nitrite MCLs, Acute MRDL (Violation Code 13), TCR Acute (21), Turbidity TT (43, 44), SWTR TT (41). Note: some Tier 1 instances are not reported in SDWIS-Fed (ex: waterborne disease outbreaks, or when a system fails to test for fecal or E. coli after any positive repeat.)
	2	5	Any other health-based violation (violation type MCL, MRDL or TT), plus TCR MR repeats (violation code 25 and 26) and Nitrate MR
	3	1	Any other Monitoring/reporting violation or “Other” violation (such as PN or CCR)

### Checking for formal enforcement and Return to Compliance (RTC) codes

Using the enforcement actions table and the violation-enforcement linking table in SDWIS-Fed, the ETT will compute RTCd Points and Formal Action Points for each violation. Initially, both RTCd Points and Formal Action Points are blank for every violation. If there is an RTC code found, RTCd Points will be set equal to S; if a formal enforcement action code is found, Formal Action Points = S.

Each violation also has an Informal Action Points column, although it does not affect the ETT score.

For a full explanation of which enforcement action codes are RTC, Formal, or Informal, see the “Enforcement Action Categories” section in the Detailed ETT Documentation. For the most part:

- RTC: SOX, EOX, SO0, EO0, and some SO6 and EO6 codes
- Formal Enforcement: SFL, EFL, SF9, EF9, SFQ, EFQ, SF&, EF&, SF%, EF%, SFR, EFR, SFW, EFW, SFV, EFV, SFM, SFO, EF-, EF=, EF<, EF/, and some SFK and EFK codes
- Informal Enforcement: any other enforcement code

Deactivated PWS: for deactivated PWS, their deactivation counts as RTC-ing all of their violations. For users of the Excel spreadsheets this will not have an effect because inactive PWS are excluded from those spreadsheets.

### Implicit Return to Compliance (RTC)

The “Implicit RTC” process was built into the ETT based on the older Significant Non-Compliance (SNC) calculator. It is internal to the ETT and has no effect on the data in the SDWIS-Fed Data Warehouse. Extensive details for developers are available in the “Table Points\_Auto\_Removed” section of this document.

Generally, it is designed to find all TCR or SWTR/IESWTR/ESWTR violations where there were no other violations within 6 months and assume that the lack of a follow-up violation indicates that the original violation RTCd. In that case, that violation and any others that preceded it are eligible to Implicitly RTC.

When the ETT has identified a violation eligible for this Implicit RTC, it checks if the violation already has RTCd Points (in other words, if it has an explicit RTC – an RTC code in the Enforcement Actions table.) If so, the ETT does nothing. If not, the ETT sets the RTCd Points = S and Implicit RTC? = “Y”.

Violation age, n

The violation age, n, is the difference, in years, between the data freeze date and the violation date for violations that are not RTCd or formally enforced. The data freeze date is the first day of the following quarter (e.g., for SDWIS 2014Q1 the data freeze date would be 4/1/2014.) The violation date is either the compliance period begin or end date depending on the type of violation:

- The violation compliance period begin date is used for:
  - SWTR TT – Violation Codes 41,42
  - IESWTR MR – Violation Code 29
  - IESWTR TT – Violation Codes 37, 47
  - IESWTR Record keeping Violation Code = 9, Contaminant Code = 0300
  - DBP TT – Violation Code 12
  - DBP MR – Violation Code 27 & Contaminant Code 0400
  - all LCR – Violation Codes 51, 52, 53, 56, 57, 58, 59, 63, 64, 66
  - all PN – Violation Codes 71, 72, 75, 76
  - Misc – Violation Codes 5, 6, 7, 8, 10
- For all other violations, the compliance period end date is used

#### Violation grouping

Any violations at the same water system with the same violation code, rule code, compliance period begin and end date, and status (i.e., RTCd or not; formally enforced or not) will be grouped together before the final ETT scores are computed. For example, if a system fails to monitor for the entire group of 21 Volatile Organic Contaminants, a single Severity factor of 1 would apply for the entire VOC group, instead of 21 separate Severity scores of 1 point each. This also groups violations at a PWS if violations meeting the grouping criteria are reported for multiple facilities at the PWS.

#### Computing the ETT scores

At this point, the ETT score itself can be computed by applying the ETT formula across all of the “violation groups” at a PWS that are neither RTCd nor formally enforced:

$$\text{ETT Score} = \text{Sum}(S_1 + S_2 + S_3 + \dots) + \max(n)$$

#### Other Information about the ETT Spreadsheets

The ETT spreadsheets are available to download at: [https://echo.epa.gov/sdwa\\_ett\\_reports](https://echo.epa.gov/sdwa_ett_reports). They are updated in the middle of January, April, July, and October. Any federal, state, or local government ETT user who would like to receive an email when the ETT and ETT Scores Tracker are updated can sign up at:

[https://public.govdelivery.com/accounts/USAEPAOECA/subscriber/new?topic\\_id=USAEPAOECA\\_64](https://public.govdelivery.com/accounts/USAEPAOECA/subscriber/new?topic_id=USAEPAOECA_64)

#### Standard ETT spreadsheet

This is the original style of the ETT, which only shows data for the current quarter’s ETT scores. It contains 4 worksheets of data: the PWS\_List, the AllViols-PTable, the Compliance Pivot, and EnforcementTracking.

#### PWS\_List

The PWS\_List worksheet contains the ETT scores and other important information for all active public water systems that have either: (a) a current ETT score > 0, or (b) at some point in the past, had an ETT score  $\geq 11$ . This limitation is imposed to reduce the total size of the data set.

Some column names to know are:

- Sys has HB viols?: Indicates "Y" if the system has had Health-based violations in the past 5 years that are not RTCd.
- PWS Type: The type of water system, which includes Community (CWS), Non-Transient Non-Community (NTNCWS), or Transient Non-Community (TNCWS).
- Pop Srvd: Population served by a water system.
- Priority Since Date: for end of the quarter when system first scored 11 or higher. This date gets reset any time the system's score drops below 11.
- Repeat violator tool: Sum of S points for all addressed, resolved, and unaddressed violations in the past 5 years, without the n time factor.
- Total Unresolved Points: Sum of all S points that have **not** been Resolved in the past 5 years, without the n time factor.
- On Path to Compliance?: For all systems that have been on a previous quarter's list with a score greater or equal to 11, indicates if the system's prior unaddressed violations are not under enforcement or RTCd ("Not on Path" and shaded dark orange), is under formal enforcement for all prior unaddressed violations with a new score of 0 ("On Path" and shaded light yellow at bottom of list), or all violations have RTCd with a new score of 0 ("RTC" and shaded light green at bottom of list). NOTE: If some of the prior unaddressed violations have been addressed or RTCd but some violations remain unaddressed, this column will indicate "Not on Path".
- School or Childcare: In the ETT list, systems shown as "schools or childcares" are those systems that have either the code for school (SC) or daycare (DC) in the primary service area designation in SDWIS-Fed, regardless of whether they are transient or non-transient systems. Please note that the Office of Ground Water and Drinking Water's (OGWDW) use of the term "school" excludes transient systems.
- Owner Type Code: ownership of the PWS

F: Federal government

L: Local government

M: Public/Private

N: Native American

P: Private

S: State government

- Last Lead 90% result (mg/L): The most recent 90<sup>th</sup> percentile lead summary result in SDWIS-Fed within the last 5 years. Please note that PWS with populations below 3,300 are not required to report lead 90<sup>th</sup> percentile results unless they are over the 0.015 mg/L action level.
- Num Lead ALEs 5 yrs: Total number of lead action level exceedances within the last 5 years

#### AllViols-PTable

This Excel pivot table contains information on violation groupings from the last 5 years (both addressed and unaddressed) at all active PWS. The filters above allow users to limit the data being shown, and double-clicking on any of the values in the table will pop up a new worksheet with full data. Some important filters and data columns include:

- Violation Code: Violation code (23 indicates TCR MR violation, etc)
- Violation Type: Violation type (MCL, monitoring/reporting [MR], etc)
- Rule Name: Contaminant type (TCR, nitrates, etc)

- Compl Period Begin Date: Compliance period begin date
- Compl Period End Date: Compliance period end date
- Severity Points: Severity factor score as described in “Violation Tiers or Severity (S) values” section above
- RTCd Points: A number in this column indicates that the particular violation has been returned to compliance
- First RTC Date: The date of the first Resolving action (see Enforcement Action Categories for information on Resolving actions)
- Formal Action Points: A number in this column indicates that the particular violation has been addressed or returned to compliance
- First Formal Action Date: The date of the first Formal Enforcement Action (see Enforcement Action Categories for information on Formal Enforcement actions)
- n: Time factor as described in “Violation age, n” section above
- Violation Count: Indicates if several violations are grouped together and given one Severity factor score for the entire contaminant group. See “Violation Grouping” section above.
- Violation IDs: The violation grouping’s ID numbers. If several violations are grouped, this will be a comma-separated list
- Contaminant Codes: The violation grouping’s contaminant code values. If several violations are grouped, this will be a comma-separated list

#### Compliance Pivot

The data from PWS\_List in Pivot Table format so that states and regions can monitor how many PWS currently have ETT scores of 0, 1-10 or >= 11. Within each of those categories, the table also shows the PWS's "On Path" status: either the PWS has never had an ETT score >= 11 ("Never Has Been >= 11"); it has previously had an ETT score >= 11 and still has not gotten its score down to zero ("Not on Path"); it has gotten its score down to zero through a combination of formal enforcement actions and returning violations to compliance ("On Path"); or it has returned all violations to compliance ("RTC").

#### EnforcementTracking

The EnforcementTracking Pivot Table shows the number of Formal and Informal Enforcement Actions (with the exception of enforcement sensitive actions SF9/EF9, SF&/EF&, and SFP) that are linked to violations which haven't returned to compliance (RTCd) and the number of Public Waters Systems (PWSs) affected. Double-clicking on any of the counts reveals the underlying enforcement and violation details.

Within the violation details, there is information on the enforcement actions and the violations to which these actions are linked. Enforcement actions and violations may appear more than once. "Number of Enforcement Actions" columns count the total number of distinct enforcement actions based on PWSID and Enforcement ID, while the “Number of PWS under Enforcement Actions” counts the number of distinct PWSIDs with enforcement. High values indicate that multiple enforcements have not resulted in a return to compliance (RTC). The "PivotCounter" columns should be ignored; they are there to help Excel avoid double-counting.

[1] [http://www2.epa.gov/sites/production/files/documents/drinking\\_water\\_erp\\_2009.pdf](http://www2.epa.gov/sites/production/files/documents/drinking_water_erp_2009.pdf)

**The Enforcement Response Policy Targeting Tool**  
**- PWS Ranking using Sum of (S1 + S2 + S3 + ...) + n Formula -**

All ETT Scores above the following threshold are highlighted yellow.

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4/1/2020

EPA Region	State	PWSID	PWS Name	ETT Score	Sys has HB viols?
09	09	090600159	Benton Paiute Tribe	34Y	
09	09	090605154	Indian Village	29N	
09	09	090400114	SCUA Upper Seven Mile	28Y	
09	09	090600145	Point Arena Rancheria	26Y	
09	09	090400057	Second Mesa Day School - BIA	26Y	
09	09	090600139	Manchester Rancheria	24Y	
09	09	090400089	Quechan Utility	21Y	
09	09	093200373	Las Vegas Paiute Snow Mountain	21N	
09	09	090605129	Oasis Mobile Home Park	20Y	
09	09	093200372	Duck Valley Newtown	20Y	
09	09	090408027	Moccasin Domestic Water Improvement District	19N	
09	09	090400127	Cocopah Bend & RV Vending	19N	
09	09	090400277	Six Mile and Steamboat Village	18N	
09	09	090400274	Kaibab Village	17Y	
09	09	090400685	Apache Burger Travel Center	15N	
09	09	090400088	Fort McDowell Community	15Y	
09	09	093200368	Bodie Flats Mobile Home Park	14N	
09	09	090605121	Arviso - Mobile Home Park	14Y	
09	09	090600135	Kashia	14Y	
09	09	093200376	Las Vegas Paiute Colony	13Y	
09	09	093200172	Yomba Indian Reservation	13N	
09	09	093200163	Duckwater	13Y	
09	09	093200164	Ft. McDermitt Paiute-Shoshone - Upper	12Y	
09	09	093200366	South Fork (Te-Moak)	11N	
09	09	090400699	SCUA Beverly Hills	11N	
09	09	090400128	Cocopah Korner Vending	10N	
09	09	093200167	Big Bend	9N	
09	09	090605113	Round Valley Health Clinic	9N	
09	09	090400063	BIA Truxton Agency	8Y	
09	09	090600131	Wheel-er In Family	8N	
09	09	093534011	Pueblo Pintado Community School (New) - BIA	8N	
09	09	090600138	Lone Pine	7N	
09	09	090400101	Grand Canyon West	7N	
09	09	093200200	Moapa Paiute Travel Plaza	7N	
09	09	093200360	Walker River Paiute Tribe	7N	
09	09	090600156	Tule River Reservation Main	7N	
09	09	090600129	Fort Independence	7N	
09	09	090400239	SCUA Cutter	6N	
09	09	090400701	San Carlos High School	6N	
09	09	090605144	Cahuilla Casino	6N	
09	09	090600226	Big River Development	6N	
09	09	090400395	Hopi High School - BIA	6N	
09	09	093200177	Goshute (Upper)	6N	
09	09	090400049	Dishchii Bikoh Community School - BIA Charter	6N	
09	09	090605021	Original Sherwood Valley Rancheria	6N	
09	09	093200165	Ft. McDermitt Paiute-Shoshone - Lower	5Y	

09	09	090605160	DD Mobile Home Park	5Y
09	09	090605147	Los Coyotes	5N
09	09	093200173	Goshute (Lower)	5N
09	09	090400111	SCUA Lower Peridot Bush	5N
09	09	090400259	Shungopavi	5Y
09	09	090400217	Papago Farms CBP	5Y
09	09	090400700	Hotevilla Village	5N
09	09	090605060	Howonquet Community(Smith River)	5N
09	09	090600167	Pala Raceway	5Y
09	09	090605171	Robinson Rancheria Gas Station	5N
09	09	090605153	Pala North	5Y
09	09	090600144	Pala South	5Y
09	09	090400276	Pipe Springs National Monument	5N
09	09	090605125	Bear River/Singley Hill	5N
09	09	090605033	Yurok - Kepel	4N
09	09	093200067	Duck Valley Owyhee	4N
09	09	090605006	Yurok - Weitchpec	4N
09	09	090600160	Stewart Village	4N
09	09	090400108	Peach Springs	4N
09	09	090400034	Cockleburr	4N
09	09	090605014	Yurok - Requa	4N
09	09	090600237	California Village	4N
09	09	090400702	Carizzo Store	3N
09	09	093200171	Yerington (Campbell Ranch)	3N
09	09	090600121	Big Sandy Rancheria	3N
09	09	090600161	Yurok - McCoy - Kenek	2N
09	09	090605004	Grindstone Rancheria	2Y
09	09	090605177	Round Valley Hidden Oaks Casino and Restaurant	2N
09	09	090605077	Cold Springs Subdivision	2N
09	09	093500302	Rock Springs Community - NTUA	1N
09	09	090400242	SCUA Upper Peridot	1N
09	09	093200362	Sutcliffe	1N
09	09	093534005	Chi Chil Tah Boarding School - BIA	1N
09	09	090400676	Cocopah Bend RV & Golf Resort	1N
09	09	090600128	Fort Bidwell Reservation	1N
09	09	093200364	Battle Mountain	1N
09	09	090400678	Andrade Border Station	1N
09	09	090600057	Old Campo	1N
09	09	090400302	Avi Casino	1N
09	09	090400102	Havasupai Village	1N
09	09	090605122	Turner Trailer Park	1N
09	09	090400001	Topawa Intertie	1N
09	09	090400231	Jackrabbit	1N
09	09	090605119	Bear River - Tish Non Village	1N
09	09	093200369	Hungry Valley (Reno-Sparks)	1N
09	09	090400030	Pisinemo Intertie	1N
09	09	093534018	Former Torreon Day School - BIA	1N
09	09	093534022	Wingate Elementary School (New) - BIA	1N
09	09	093534006	Huerfano Boarding School - BIA	1N
09	09	093534024	Dzilthnaodithhle Boarding School - BIA	1N
09	09	093534014	Ojo Encino Day School (New) - BIA	1N
09	09	090600362	Washoe Tribe Woodfords	1N
09	09	093200168	Nixon	1N
09	09	090600151	Soboba	1N

09	09	090605149	Tuolumne - Black Oak Casino	1N
09	09	090400260	Hopi Cultural Center	0Y
09	09	090400107	Sipaulovi (Lower Sipaulovi/Lower Mishongnovi)	0Y
09	09	090400106	Polacca	0Y
09	09	090400394	Mishongnovi (Upper Sipaulovi/Upper Mishongnovi)	0Y
09	09	090400103	Havasupai Campground	0N
09	09	090400112	SCUA Lower Peridot	0N
09	09	090605130	Torres-Martinez Clinic	0N
09	09	090400692	GRIC DPW Wild Horse Pass	0N
09	09	090400383	Hawley Lake Homes	0N
09	09	093534001	Eastern Navajo Agency (BIE) Headquarters - BIA	0N
09	09	090600146	Rincon Paradise Creek	0N
09	09	090605132	Mesa Grande - Black Canyon	0N
09	09	090600126	Cold Springs Main	0N
09	09	090605143	Yurok - Terwer Water System	0N
09	09	090600137	Twin Palms	0N
09	09	090400388	Williams Creek Fish Hatchery	0N
09	09	090605024	Sycuan	0N
09	09	090400677	Sans End RV Park	0N
09	09	090400090	Ak Chin Village	0N
09	09	090400698	Apache Gold Casino	0N
09	09	090400110	SCUA Bylas	0N
09	09	090600133	Shanel Tribal Utility District	0N
09	09	090400705	Fort McDowell Adventures	0N
09	09	090400060	BIA San Carlos	0N
09	09	090400673	Cocopah Casino	0N
09	09	093534020	Fort Wingate Community - BIA	0N
09	09	090605128	Round Valley Admin. Complex	0N
09	09	090400051	Colorado River Regional Water System	0N
09	09	090400697	Sunrise Midway (McNary/Sunrise	0N
09	09	090400071	Cocopah West	0N
09	09	090600119	Barona	0N
09	09	090400316	Hopi Veterans Center	0N
09	09	093200374	Pine View Estates	0N
09	09	090400304	Avi Kwa Ame Farms North	0N
09	09	090400243	WMATUA Cibecue	0N
09	09	090400104	Upper Moenkopi	0N
09	09	093200166	Fallon-Paiute Shoshone Tribe Community System	0N
09	09	090400273	SCUA Skill Center	0N
09	09	090605020	Santa Ysabel Canyon	0N
09	09	090402057	Kitt Peak National Observatory	0N
09	09	090400300	Arizona Village	0N
09	09	090605019	Santa Rosa Reservation	0N
09	09	090400218	San Miguel CBP	0N
09	09	090600148	Santa Rosa Rancheria	0N
09	09	090400094	Ak Chin Santa Cruz Commerce Center	0N
09	09	090605012	Pauma	0N
09	09	090600190	Riverview Mobile and RV Park	0N
09	09	090400054	BIA Keams Canyon	0N
09	09	090400076	WMATUA Hondah-McNary	0N
09	09	090605073	Round Valley Agency	0N
09	09	090600134	Yurok - Wautec	0N
09	09	093534003	Borrego Pass School - BIA	0N
09	09	090400378	Alchesay Fish Hatchery	0N

09	09	090605116	Torres-Martinez Avenue 64	ON
09	09	090605011	Mesa Grande (Tract 2)	ON
09	09	090400244	WMATUA Carrizo	ON
09	09	090600150	Santa Ysabel Main	ON
09	09	090605136	Santa Rosa Tachi Palace	ON
09	09	090605161	Thunder Valley Casino	ON
09	09	090605158	Campo Casino (Golden Acorn Casino)	ON
09	09	090600122	Bishop Paiute-Shoshone Tribe	ON
09	09	090400040	Little Tucson	ON
09	09	090400032	Gunsight (Schuchuligk)	ON
09	09	093534009	Tse' Yi' Gai High School	ON
09	09	090400233	Desert Diamond Sahuarita	ON
09	09	090605155	Yocha Dehe Community Area	ON
09	09	090605163	Chukchansi Gold Resort	ON
09	09	090400092	GRIC DPW Casa Blanca_Bapchule	ON
09	09	090400687	Bacavi Village	ON
09	09	090400109	Salt River Public Works	ON
09	09	090600238	Vee's Trailer Park	ON
09	09	093200359	Washoe Tribe Stewart	ON
09	09	090400002	Nolic Intertie	ON
09	09	090400691	GRIC DPW Aerodyne	ON
09	09	090605168	Duro Water System	ON
09	09	090400251	Sunrise Apache Peak	ON
09	09	090605057	Resighini Rancheria	ON
09	09	090400029	Cowlic	ON
09	09	090400667	Apache Sky Casino	ON
09	09	093200380	Verdi Smoke Shop	ON
09	09	093200379	Reno Sparks Indian Colony	ON
09	09	090400694	Salt River Landfill	ON
09	09	090400073	Cocopah East	ON
09	09	090400070	Cocopah Tribal Headquarters Hauled Water	ON
09	09	090400303	Hunters Grill and Lounge	ON
09	09	090400003	Chui Chu	ON
09	09	090605152	Big Valley Community Center	ON
09	09	090400005	Queens Well	ON
09	09	090400006	Covered Wells Regional	ON
09	09	090605174	Graton Resort and Casino	ON
09	09	090600247	Chukchansi Crossing	ON
09	09	090400393	Lower Moencopi - Spring Source	ON
09	09	090600059	South Campo	ON
09	09	090400343	Tonto Apache	ON
09	09	090605115	Alpine Clinic (SIHC)	ON
09	09	090605169	Tuolumne Me-Wuk Ridgeline	ON
09	09	090400019	New Fields	ON
09	09	093200169	Wadsworth	ON
09	09	090605135	Colorado River Senior Center	ON
09	09	090600142	Morongo	ON
09	09	090400004	Fresnal	ON
09	09	090605045	Campo Church Road System (HUD Homes)	ON
09	09	090605151	La Jolla - Third Gate Campground	ON
09	09	090605047	Colusa Southern System	ON
09	09	090605041	Pit River XL Rancheria	ON
09	09	090400402	Navajo Generating Station	ON
09	09	090400117	Yavapai Apache - Cliff Castle	ON

09	09	090605062	Pit River Montgomery Creek Rancheria	ON
09	09	090400346	Red Tail Hawk Health Center	ON
09	09	090600158	Viejas Community System	ON
09	09	090605109	Jackson Rancheria Casino & Hotel	ON
09	09	090605007	La Jolla Eastern	ON
09	09	090600194	River Reflections Estates	ON
09	09	090605120	Mitomkai Tribal Water System	ON
09	09	093200365	Washoe Court and Environmental	ON
09	09	090400041	Kerwo (Gu Vo)	ON
09	09	090400220	Comobabi Intertie	ON
09	09	090400234	Desert Diamond Why	ON
09	09	090605017	San Pasqual District A	ON
09	09	093200161	Washoe Tribe Carson Colony	ON
09	09	090400228	Mission View Mobile Home Park (Tucson Water Conse	ON
09	09	090400226	Greater Santa Rosa Regional	ON
09	09	090400042	Sells Intertie	ON
09	09	090400037	Kaka	ON
09	09	090400086	Hondah Casino	ON
09	09	090600601	Alturas Desert Rose Casino	ON
09	09	090600154	Table Mountain Rancheria	ON
09	09	090600236	Villa Shores	ON
09	09	090600132	Water Wheel Resort	ON
09	09	090605142	Augustine Casino	ON
09	09	090400345	Lone Butte Industrial	ON
09	09	090605013	Pechanga	ON
09	09	090605172	Hard Rock Fire Mountain Water System	ON
09	09	093200162	Washoe Tribe Dresslerville Community	ON
09	09	090605008	La Jolla Western	ON
09	09	090400018	Santa Rosa Ranch Intertie	ON
09	09	090600118	Barona North	ON
09	09	090400036	San Pedro	ON
09	09	090400027	Ventana	ON
09	09	090605166	C-store	ON
09	09	093534021	Wingate High School - BIA	ON
09	09	090605126	Hoopa Valley-Wide System	ON
09	09	090400118	Yavapai Apache - Camp Verde	ON
09	09	090400124	Bashas' Chinle Vending	ON
09	09	090400740	San Carlos Apache Health Center	ON
09	09	090400301	Mesquite Creek	ON
09	09	093503042	Torreon-Ojo Encino East - NTUA	ON
09	09	090400105	Kykotsmovi	ON
09	09	090600120	Big Pine Paiute Band	ON
09	09	090600147	Rincon Northern	ON
09	09	090400096	GRIC DPW Stotonic	ON
09	09	090600125	Chemehuevi Water	ON
09	09	090600193	Aha Quin	ON
09	09	093534010	Lake Valley Boarding School - BIA	ON
09	09	093534002	Baca (Dlo-ay Azhi) Community School - BIA	ON
09	09	090605146	La Posta Upper	ON
09	09	090400675	Cocopah Korner	ON
09	09	090400693	WMATUA Miner Flat	ON
09	09	090600052	Rolling Hills Casino	ON
09	09	090605117	Buena Vue Casino	ON
09	09	090400083	Sunrise Base Lodge	ON

09	09	090605164	Big Valley Rancheria Water District	ON
09	09	090400707	Talking Stick Resort	ON
09	09	090400706	Salt River Lehi	ON
09	09	090400385	Sunrise Motel	ON
09	09	093200363	Washoe Admin Building	ON
09	09	090407149	Scottsdale Community College	ON
09	09	090605124	Table Bluff (New) Rancheria	ON
09	09	093500333	Four Corners Power - APS	ON
09	09	090600127	Dry Creek Rancheria	ON
09	09	090605074	Tule River Apple Valley	ON
09	09	090400227	San Xavier Ord (East)	ON
09	09	090605107	Cache Creek Casino Resort	ON
09	09	090400689	Hidden Valley Development	ON
09	09	090400038	Vamori	ON
09	09	090400035	San Xavier West	ON
09	09	090400215	TOCC	ON
09	09	090605080	San Pasqual District B	ON
09	09	090400074	Cocopah Korner Hauled Water	ON
09	09	090400703	Casino Arizona Talking Stick (CATS)	ON
09	09	090400119	Yavapai Apache - Clarkdale	ON
09	09	090600201	Havasu Palms	ON
09	09	090600058	Red Hawk Casino - Shingle Springs	ON
09	09	090400679	Quechan Casino Resort	ON
09	09	090600056	La Posta Lower Community	ON
09	09	090400008	Charco 27	ON
09	09	093534007	Bread Springs Day School (New) - BIA	ON
09	09	090400085	Sunrise Sports Center	ON
09	09	090400047	GRIC DPW Sacaton	ON
09	09	090605000	Running Creek Casino Water System (Habematolel)	ON
09	09	090605025	Upper Lake Hardisty System	ON
09	09	090605015	Round Valley Piner	ON
09	09	090605150	Susanville Upper Rancheria	ON
09	09	090600061	Nestle Facility Morongo	ON
09	09	090400695	Salt River North Mesa	ON
09	09	090605083	Redding Rancheria	ON
09	09	090600168	Alexander Valley Campground	ON
09	09	090400058	Lower Moencopi - Consecutive System	ON
09	09	090400020	Vaya Chin Intertie	ON
09	09	090400016	Kohatk	ON
09	09	090400708	Casino Arizona	ON
09	09	090605118	Redwood Valley Rancheria	ON
09	09	090600130	Bermuda Palms	ON
09	09	090600399	Pit River Chimney Rock	ON
09	09	090400098	Ak-Chin Southern Dunes Golf Club	ON
09	09	090400116	Yavapai Apache - Middle Verde	ON
09	09	090600227	Lost Lake Resort	ON
09	09	090605046	Colusa Northern System	ON
09	09	090401323	Speedy's Truck Stop	ON

Enforcement Response Policy Targeting Tool  
using Sum of (S1 + S2 + S3 + ...) + n Formula -

Database: Apr 2020 SDWIS/FED Freeze

(For most states, this includes data up to Dec 31, 2019.)

PWS	Pop	Priority	Repeat	Total	Owner	Last Lead	
Type	Srvd	Since Date	Violator	Unresolved Points	On Path to Compliance?	Type Code	90% result (mg/L)
CWS	107	12/31/2018		59	31Not on Path	N	0.001
CWS		3503/31/2016		63	26Not on Path	N	P
CWS	8478	12/31/2018		119	30Not on Path	N	0.005
CWS		45606/30/2019		36	22Not on Path	N	0.004
CWS		36609/30/2019		43	21Not on Path	Y	F
CWS		10006/30/2019		24	21Not on Path	N	0.004
CWS		713012/31/2019		43	21Not on Path	N	0.0012
CWS		34506/30/2019		37	17Not on Path	N	0.001
CWS		190003/31/2019		66	33Not on Path	N	P
CWS		45012/31/2019		37	20Not on Path	N	0.005
CWS		7003/31/2019		50	16Not on Path	N	P
TNCWS		5109/30/2017		43	15Not on Path	N	P
CWS		8809/30/2018		43	15Not on Path	N	0.0027
CWS		25003/31/2018		54	14Not on Path	N	0.0052
TNCWS		65012/31/2016		76	14Not on Path	N	N
CWS		726003/31/2020		16	15New	N	0.0026
CWS		8103/31/2015		46	9Not on Path	N	P
CWS		7003/31/2020		14	11New	N	P
CWS		12503/31/2020		57	10New	N	0.004
CWS		15012/31/2018		47	12Not on Path	N	0.0016
CWS		3003/31/2020		38	12New	N	0.0108
CWS		16603/31/2020		23	11New	N	0.0025
CWS		8906/30/2019		33	10Not on Path	N	0.001
CWS		4003/31/2017		42	8Not on Path	N	0.0036
CWS		58212/31/2019		20	6Not on Path	N	0.005
TNCWS		46		28	6Not on Path	N	P
TNCWS		50		35	4Not on Path	N	N
NTNCWS		119		31	4Not on Path	N	0.0054
CWS		39		10	7Not on Path	N	F
CWS		56		17	8	N	N
CWS		385		10	8	Y	F
CWS		335		25	2Not on Path	N	N
CWS		3120		14	2Not on Path	N	0.013
NTNCWS		410		30	2Not on Path	N	0.0027
CWS		900		20	7Not on Path	N	N
CWS		2555		71	4Not on Path	N	0.001
CWS		100		20	4Not on Path	N	0.002
CWS		562		27	1Not on Path	N	0.005
NTNCWS		626		1	1Not on Path	Y	L
NTNCWS		515		7	1Not on Path	N	0.005
CWS		2950		15	6Not on Path	N	0.0008
CWS		1150		63	6Not on Path	Y	F
CWS		40		33	1Not on Path	N	0.0021
CWS		648		12	1Not on Path	Y	F
CWS		55		1	1Not on Path	N	0.0009
CWS		216		24	5Not on Path	N	0.004
							0.001

CWS	300	25	5Not on Path	N	P	0.0095
CWS	84	23	5Not on Path	N	N	0.005
CWS	40	23	1Not on Path	N	N	0.0012
CWS	276	30	5Not on Path	N	N	0.005
CWS	1756	108	97Not on Path	N	N	0.001
TNCWS	25	11	5Not on Path	N	F	
CWS	1621	5	5	N	N	0.005
CWS	220	4	2	N	N	0.0027
TNCWS	200	7	5	N	N	
TNCWS	255	5	5	N	N	
CWS	14200	6	5	N	N	0.0023
CWS	360	5	5	N	N	0.001
TNCWS	185	5	5	N	F	
CWS	1883	2	2	N	N	0.001
CWS	57	38	1Not on Path	N	N	0.0018
CWS	150	18	2Not on Path	N	N	0.005
CWS	120	74	1Not on Path	N	N	0.0015
CWS	40	24	1Not on Path	N	P	0.025
CWS	2080	8	1Not on Path	N	N	0.0029
CWS	90	33	1Not on Path	N	N	0.001
CWS	215	15	1	N	N	0.005
CWS	555	1	1	N	N	0.001
TNCWS	35	25	2Not on Path	N	P	
CWS	400	8	3Not on Path	N	N	0.0017
CWS	408	21	1Not on Path	N	N	0.0105
CWS	30	84	2Not on Path	N	N	0.001
CWS	150	399	74Not on Path	N	N	0.005
NTNCWS	175	8	2Not on Path	N	N	0.037
CWS	35	4	2	N	N	0.005
CWS	1682	9	1Not on Path	N	N	0.001
CWS	706	21	1Not on Path	N	N	0.005
CWS	250	6	1Not on Path	N	N	0.0686
CWS	137	1	1Not on Path	Y	F	0.0019
CWS	1095	14	1Not on Path	N	N	0.0011
CWS	88	2	1Not on Path	N	N	0.005
CWS	195	3	1Not on Path	N	N	0.001
NTNCWS	647	22	1Not on Path	N	F	0.005
CWS	75	2	1Not on Path	N	N	0.005
CWS	3000	1	1Not on Path	N	N	0.0005
CWS	885	18	1Not on Path	N	N	0.0023
CWS	70	18	1Not on Path	N	P	0.005
CWS	1148	1	1	N	N	0.0005
CWS	40	1	1	N	N	0.0008
CWS	427	1	1	N	N	0.001
CWS	620	1	1	N	N	0.001
CWS	472	8	1	N	N	0.0005
NTNCWS	35	13	1	N	F	0.0012
CWS	800	1	1	Y	F	0.0044
CWS	123	2	1	Y	F	0.0032
CWS	690	12	1	Y	F	0.014
NTNCWS	192	6	1	Y	F	0.001
CWS	230	1	1	N	N	0.003
CWS	800	1	1	N	N	0.001
CWS	4700	5	1	N	N	0.005

NTNCWS	2600	7	1	N	N	0.005
NTNCWS	450	94	80On Path	N	N	0.0005
CWS	609	104	95On Path	N	N	0.005
CWS	4108	119	95On Path	N	N	0.0005
CWS	490	106	101On Path	N	N	0.005
TNCWS	200	11	0RTC	N	P	
CWS	778	19	0RTC	N	N	0.005
CWS	379	8	0RTC	N	N	0.005
CWS	22795	15	0RTC	N	N	0.0011
TNCWS	1130	20	0RTC	N	N	
CWS	951	3	0RTC	N	F	0.013
CWS	285	1	0RTC	N	N	0.0932
CWS	80	7	0RTC	N	N	0.005
CWS	209	1	0RTC	N	N	0.005
CWS	300	11	0RTC	N	N	0.001
TNCWS	38	3	0RTC	N	P	
TNCWS	25	5	0RTC	N	F	0.0011
CWS	12350	6	0RTC	N	N	0.0127
TNCWS	337	10	0RTC	N	P	
CWS	11907	10	0RTC	N	N	0.0125
NTNCWS	1475	1	0RTC	N	N	0.005
CWS	3160	38	0RTC	N	N	0.005
CWS	750	1	0RTC	N	N	0.005
TNCWS	180	5	0RTC	N	N	
NTNCWS	2150	13	0RTC	N	F	0.0043
NTNCWS	5300	22	0RTC	N	N	0.0028
CWS	550	1	0RTC	Y	F	0.0015
NTNCWS	100	7	0RTC	N	N	0.0051
CWS	9277	45	0RTC	N	N	0.002
TNCWS	82	4	0RTC	N	N	
CWS	325	6	0RTC	N	N	0.0005
NTNCWS	11560	5	0RTC	N	N	0.005
CWS	388	2	0RTC	N	N	0.0024
CWS	225	7	0RTC	N	P	0.002
CWS	70	7	0RTC	N	P	0.0005
CWS	1821	2	0RTC	N	N	0.0013
CWS	1700	9	0RTC	N	N	0.0011
CWS	1200	2	0RTC	N	N	0.001
CWS	254	20	0RTC	N	N	0.005
CWS	50	6	0RTC	N	N	0.005
NTNCWS	247	5	0RTC	N	F	0.024
CWS	380	6	0RTC	N	N	0.0007
CWS	132	10	0RTC	N	N	0.005
TNCWS	25	20	0RTC	N	F	0.002
CWS	1000	2	0RTC	N	N	0.005
NTNCWS	81	76	0RTC	N	N	0.0036
CWS	5700	1	0RTC	N	N	0.005
CWS	277	6	0RTC	N	P	0.0005
CWS	925	7	0RTC	N	F	0.0037
CWS	2365	6	0RTC	N	N	0.0006
CWS	84	1	0RTC	N	N	0.005
CWS	29	53	0RTC	N	N	0.0042
CWS	233	15	0RTC	Y	F	0.0016
TNCWS	33	5	0RTC	N	F	0.001

CWS	180	11	0RTC	N	N	0.005
CWS	40	7	0RTC	N	N	0.0055
CWS	172	1	0RTC	N	N	0.0005
CWS	275	7	0RTC	N	N	0.0052
NTNCWS	9000	2	0RTC	N	N	0.001
NTNCWS	18007	2	0RTC	N	N	0.005
NTNCWS	1000	1	0	N	N	0.005
CWS	2735	1	0	N	N	0.001
CWS	328		0	N	N	0.0013
CWS	40		0	N	N	0.0009
CWS	126	7	0	Y	L	0.0014
NTNCWS	2412		0	N	N	0.01
CWS	230		0	N	N	0.005
NTNCWS	4680		0	N	N	0.011
CWS	2603		0	N	N	0.0005
CWS	1061	1	0	N	N	0.001
CWS	13210		0	N	N	0.005
CWS	75		0	N	P	0.0008
CWS	150	3	0	N	N	0.0015
CWS	168		0	N	N	0.0007
CWS	35		0	N	N	0.0005
CWS	25		0	N	N	
TNCWS	101		0	N	N	
CWS	100		0	N	N	0.001
CWS	120		0	N	N	0.0083
NTNCWS	400	1	0	N	N	0.005
TNCWS	284	8	0	N	N	
CWS	457		0	N	N	0.001
CWS	40		0	N	N	0.005
CWS	280		0	N	N	0.0027
NTNCWS	25		0	N	N	
TNCWS	132		0	N	P	
CWS	340	5	0	N	N	0.0012
TNCWS	30		0	N	N	
CWS	64		0	N	N	0.0009
CWS	350		0	N	N	0.0012
NTNCWS	10127		0	N	N	0.005
TNCWS	315		0	N	N	
CWS	316	7	0	N	N	0.0023
CWS	48	2	0	N	N	0.005
CWS	2656	4	0	N	N	0.006
NTNCWS	220		0	N	M	0.0067
CWS	30		0	N	N	0.005
CWS	60		0	N	N	0.0012
CWS	950	2	0	N	N	0.001
TNCWS	27		0	N	P	
CWS	16000		0	N	N	0.0056
CWS	105		0	N	N	0.001
CWS	300		0	N	N	0.005
TNCWS	1000		0	N	N	
CWS	3474		0	N	N	0.005
CWS	61	5	0	N	N	0.005
NTNCWS	970		0	N	M	0.001
NTNCWS	4224	1	0	N	N	0.005

CWS	34	5	0	N	N	0.0077
NTNCWS	232		0	N	N	0.001
CWS	9500		0	N	N	0.0131
NTNCWS	6503		0	N	N	0.005
CWS	1076		0	N	N	0.005
CWS	172		0	N	P	0.0005
CWS	100		0	N	N	0.005
NTNCWS	60	1	0	N	N	0.0045
CWS	441		0	N	N	0.0005
CWS	240	7	0	N	N	0.0005
NTNCWS	100		0	N	N	0.005
CWS	1200		0	N	N	0.008
CWS	450	11	0	N	N	0.002
CWS	1125		0	N	N	0.0008
CWS	1623	2	0	N	N	0.0011
CWS	4000		0	N	N	0.0011
CWS	138		0	N	N	0.0006
NTNCWS	2966	1	0	N	N	0.0005
NTNCWS	464		0	N	N	0.005
CWS	9085	32	0	N	N	0.005
TNCWS	33	1	0	N	N	
TNCWS	108		0	N	N	
NTNCWS	950		0	N	N	0.001
NTNCWS	3360		0	N	N	0.0014
CWS	29100		0	N	N	0.005
NTNCWS	9500		0	N	N	0.005
CWS	405	1	0	N	N	0.001
CWS	296		0	N	N	0.008
CWS	165		0	N	N	0.0008
CWS	950		0	N	N	0.005
CWS	135		0	N	N	0.0005
CWS	80	1	0	N	N	0.0005
TNCWS	400	5	0	NY	N	
CWS	910		0	Y	F	0.0005
CWS	3430		0	N	N	0.0015
CWS	177		0	N	N	0.005
TNCWS	27	1	0	N	P	
NTNCWS	733	7	0	N	M	0.005
CWS	600		0	N	N	0.0026
CWS	1951		0	N	N	0.001
CWS	1502		0	N	N	0.0012
CWS	550		0	N	N	0.001
CWS	7003	1	0	N	N	0.1074
CWS	2566		0	N	N	0.0011
CWS	2300		0	N	N	0.0005
TNCWS	320		0	N	N	
CWS	85	6	0	Y	F	0.0081
NTNCWS	424	2	0	Y	F	0.0005
NTNCWS	53	1	0	N	N	0.0054
TNCWS	112		0	N	P	
CWS	12292	13	0	N	N	0.0015
NTNCWS	3300		0	N	N	0.005
NTNCWS	3150		0	N	N	0.005
NTNCWS	814		0	N	N	0.0062

CWS	1645	1	0	N	N	0.03
NTNCWS	12087		0	P	N	0.005
CWS	455		0	N	N	0.005
TNCWS	40		0	N	N	
NTNCWS	190	3	0	N	N	0.001
NTNCWS	10950		0	N	P	0.0005
CWS	215		0	N	N	0.001
NTNCWS	595		0	N	M	0.016
NTNCWS	2200	4	0	N	N	0.0125
CWS	25	5	0	N	N	0.005
CWS	393		0	N	N	0.0008
NTNCWS	12500	1	0	N	N	0.005
TNCWS	297		0	N	P	0.0012
CWS	125		0	N	N	0.0005
CWS	1461	1	0	N	N	0.0005
CWS	280		0	Y	N	0.0036
CWS	705		0	N	N	0.055
TNCWS	112		0	N	P	
NTNCWS	25785		0	N	P	0.005
CWS	415		0	N	N	0.005
TNCWS	200		0	N	P	
CWS	8580	5	0	N	N	0.005
NTNCWS	2950	7	0	N	N	0.005
CWS	31		0	N	N	0.005
CWS	60	10	0	N	N	0.0016
NTNCWS	115	6	0	Y	F	0.0017
TNCWS	29		0	N	N	
CWS	5307		0	N	N	0.0009
NTNCWS	510		0	N	N	0.005
CWS	98		0	N	N	0.004
CWS	409		0	N	N	0.005
CWS	170	1	0	N	N	0.005
NTNCWS	200		0	N	N	0.0011
CWS	87		0	N	N	0.005
CWS	2015	1	0	N	N	0.005
TNCWS	250		0	N	N	
NTNCWS	326	2	0	N	N	0.0035
CWS	830		0	N	N	0.001
CWS	80		0	N	N	0.0013
NTNCWS	10603		0	N	P	0.005
CWS	152	2	0	N	N	0.005
CWS	323	2	0	N	N	0.0135
TNCWS	35		0	N	N	
NTNCWS	270		0	N	N	0.001
CWS	1775		0	N	N	0.005
CWS	355		0	N	P	0.0007
CWS	67		0	N	N	0.0069
NTNCWS	926	8	0	N	P	0.001

**Num Lead  
ALEs 5 yrs**    Column1

arsenic MCL

M&R variety

arsenic nitrates rad M&R

arsenic MCL

M&R; RTCR TT  
SWTR M&R; other M&R

M&R variety  
GW TT; other viols old

1

2

1

2

2

1

1

1

10

1

1



1

1

1

2

7

1

1

PWSID	PWS Name	EPA Region	State	ETT Score	Pop Srvd	PWS Type	Primary Source
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW
09060015	Benton Paiute	09		34	107	CWS	GW

Violation Code	Violation Type	Rule Name	Compl Per Begin Date	Compl Per End Date	Severity Points
71	Other	Consumer Cc	7/1/2019		1
75	Other	Public Notice	9/18/2019		1
75	Other	Public Notice	8/1/2019		1
75	Other	Public Notice	7/1/2019		1
75	Other	Public Notice	11/1/2018		1
75	Other	Public Notice	9/1/2018		1
75	Other	Public Notice	7/1/2018		1
03	MR	Radionuclides	1/1/2014	12/31/2016	1
03	MR	Inorganic Che	1/1/2014	12/31/2016	1
03	MR	Arsenic	10/1/2019	12/31/2019	1
03	MR	Arsenic	1/1/2019	3/31/2019	1
03	MR	Arsenic	7/1/2018	9/30/2018	1
02	MCL	Arsenic	4/1/2018	6/30/2018	5
03	MR	Arsenic	10/1/2017	12/31/2017	1
03	MR	Arsenic	7/1/2017	9/30/2017	1
03	MR	Arsenic	7/1/2016	9/30/2016	1
03	MR	Arsenic	4/1/2016	6/30/2016	1
03	MR	Arsenic	7/1/2015	9/30/2015	1
03	MR	Nitrates	1/1/2019	12/31/2019	5
03	MR	Nitrates	1/1/2018	12/31/2018	5
03	MR	Nitrates	1/1/2016	12/31/2016	5
03	MR	Volatile Orga	1/1/2014	12/31/2019	1
45	TT	Ground Wate	12/31/2019		5
45	TT	Ground Wate	9/18/2019		5
34	MR	Ground Wate	4/1/2017		1
3A	MON	Revised Total	12/1/2019	12/31/2019	1
3A	MON	Revised Total	8/1/2019	8/31/2019	1
3A	MON	Revised Total	7/1/2019	7/31/2019	1
3A	MON	Revised Total	6/1/2019	6/30/2019	1
3A	MON	Revised Total	5/1/2019	5/31/2019	1
3A	MON	Revised Total	4/1/2019	4/30/2019	1
3A	MON	Revised Total	11/1/2018	11/30/2018	1
3A	MON	Revised Total	9/1/2018	9/30/2018	1
3A	MON	Revised Total	7/1/2018	7/31/2018	1
3A	MON	Revised Total	5/1/2018	5/31/2018	1

RTCd Points	First RTC Date	Formal Action Points	First Formal Action Date	Informal Action Points	n
					0
					0
					0
					0
					1
					1
					1
1	7/18/2017				
1	7/18/2017				0
1	7/3/2019				
1	1/28/2019				
5	1/28/2019				
1	2/5/2018				
1	2/5/2018				
1	12/15/2016				
1	12/15/2016				
1	12/1/2015				
					0
					1
5	7/18/2017				
					0
					0
					0
					3
					0
1	11/8/2019				
1	11/8/2019				
1	11/8/2019				
1	11/8/2019				
1	11/8/2019				
1	1/28/2019				
1	11/5/2018				
1	11/5/2018				
1	7/6/2018				

School or Childcare	Implicit RTC?	Viol Count	Violation IDs	Contaminant Codes
N	N		10600159717007000	
N	N		30600159757507500	
N	N		10600159757507500	
N	N		10600159757507500	
N	N		10600159757507500	
N	N		10600159757507500	
N	N		10600159034004000	
N	N		10600159031021025	
N	N		10600159031001005	
N	N		10600159031001005	
N	N		10600159031001005	
N	N		10600159021001005	
N	N		10600159031001005	
N	N		10600159031001005	
N	N		10600159031001005	
N	N		10600159031001005	
N	N		10600159031041040	
N	N		10600159031041040	
N	N		10600159031041040	
N	N		210600159032372378,2380,2955,2964,2968,2969,2976,2977,2979	
N	N		10600159450700700	
N	N		30600159450700700	
N	N		10600159343013014	
N	N		106001593A8008000	
N	N		106001593A8008000	
N	N		106001593A8008000	
N	N		106001593A8008000	
N	N		106001593A8008000	
N	N		106001593A8008000	
N	N		106001593A8008000	
N	N		106001593A8008000	
N	N		106001593A8008000	
N	N		106001593A8008000	
N	N		106001593A8008000	

,2980,2981,2982,2983,2984,2985,2987,2989,2990,2991,2992,2996

EPA Region	State	PWSID	PWS Name	ETT Score	Enforcement ID	Enforcement Code
09	09	09320037	Las Vegas Pa		213200373FK12/10/EFK	
09	09	09060512	Oasis Mobile I		200605129F/082719EF/	
09	09	09060512	Oasis Mobile I		200605129F/082719EF/	
09	09	09060512	Oasis Mobile I		200605129F/082719EF/	
09	09	09060512	Oasis Mobile I		200605129F/082719EF/	
09	09	09060512	Turner Trailer		10605122IF100719EIF	
09	09	09060512	Turner Trailer		10605122IF100719EIF	
09	09	09060500	Grindstone Ra		20605004FL12151'EFL	
09	09	09060500	Grindstone Ra		20605004FL12151'EFL	
09	09	09060500	Grindstone Ra		20605004FL12151'EFL	
09	09	09060500	Grindstone Ra		20605004FL12151'EFL	
09	09	09060500	Grindstone Ra		20605004FL12151'EFL	
09	09	09060500	Grindstone Ra		20605004FL12151'EFL	
09	09	09060500	Grindstone Ra		20605004FL12151'EFL	
09	09	09060500	Grindstone Ra		20605004FL12151'EFL	
09	09	09060500	Grindstone Ra		20605004FL12151'EFL	
09	09	09060500	Grindstone Ra		20605004FL12151'EFL	
09	09	09060500	Grindstone Ra		20605004FL12151'EFL	
09	09	09060500	Grindstone Ra		20605004FL12151'EFL	
09	09	09060500	Grindstone Ra		20605004FL12151'EFL	
09	09	09060500	Grindstone Ra		20605004FL12151'EFL	
09	09	09060500	Grindstone Ra		20605004FL12151'EFL	
09	09	09060500	Grindstone Ra		20605004FL12151'EFL	
09	09	09060500	Grindstone Ra		20605004FL12151'EFL	
09	09	09060500	Grindstone Ra		20605004FL12151'EFL	
09	09	09060500	Grindstone Ra		20605004FL12151'EFL	
09	09	09060500	Grindstone Ra		20605004FL12151'EFL	
09	09	09060500	Grindstone Ra		20605004FL12151'EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040039	Mishongnovi (Upper Sipaulc)	0400394FL10031	EFL	
09	09	09040026	(Hopi Cultural Center		99999000000000	(EFL











Violation Type	Violation Code	Compl Per Begin Date	Compl Per End Date	PIVOTCOUNTERPWSS
MR	52	1/1/2005		1
MCL	02	10/1/2019	12/31/2019	0.25
MR	30	1/1/2018	12/31/2018	0.25
MCL	02	7/1/2019	9/30/2019	0.25
MCL	02	4/1/2019	6/30/2019	0.25
MR	66	10/24/2019		0.5
MR	66	10/24/2019		0.5
TT	42	12/1/2019	12/31/2019	0.05
TT	42	11/1/2019	11/30/2019	0.05
TT	42	10/1/2019	10/31/2019	0.05
MR	36	11/1/2019	11/30/2019	0.05
MR	36	10/1/2019	10/31/2019	0.05
Other	71	7/1/2019		0.05
MR	36	9/1/2019	9/30/2019	0.05
TT	42	9/1/2019	9/30/2019	0.05
TT	42	8/1/2019	8/31/2019	0.05
TT	42	7/1/2019	7/31/2019	0.05
TT	42	6/1/2019	6/30/2019	0.05
TT	42	5/1/2019	5/31/2019	0.05
TT	42	4/1/2019	4/30/2019	0.05
TT	42	3/1/2019	3/31/2019	0.05
TT	42	2/1/2019	2/28/2019	0.05
TT	42	1/1/2019	1/31/2019	0.05
Other	20	3/31/2019		0.05
MR	36	2/1/2019	2/28/2019	0.05
Other	71	7/1/2018		0.05
TT	42	12/1/2018	12/31/2018	0.05
MCL	02	10/1/2019	12/31/2019	0.04
MCL	02	7/1/2019	9/30/2019	0.04
MCL	02	4/1/2019	6/30/2019	0.04
MCL	02	1/1/2019	3/31/2019	0.04
MCL	02	10/1/2018	12/31/2018	0.04
MCL	02	7/1/2018	9/30/2018	0.04
MCL	02	4/1/2018	6/30/2018	0.04
MCL	02	1/1/2018	3/31/2018	0.04
MCL	02	10/1/2017	12/31/2017	0.04
MCL	02	7/1/2017	9/30/2017	0.04
MCL	02	4/1/2017	6/30/2017	0.04
MCL	02	1/1/2017	3/31/2017	0.04
Other	75	7/1/2016		0.04
MCL	02	10/1/2016	12/31/2016	0.04
Other	75	4/1/2016		0.04
MCL	02	7/1/2016	9/30/2016	0.04
Other	75	1/1/2016		0.04
MR	03	4/1/2016	6/30/2016	0.04
MCL	02	4/1/2016	6/30/2016	0.04
Other	75	10/1/2015		0.04
MR	03	1/1/2016	3/31/2016	0.04
MCL	02	1/1/2016	3/31/2016	0.04
MCL	02	10/1/2015	12/31/2015	0.04
MCL	02	7/1/2015	9/30/2015	0.04
MCL	02	4/1/2015	6/30/2015	0.04
MCL	02	4/1/2018	6/30/2018	0.04348

MCL	02	4/1/2019	6/30/2019	0.04348
MCL	02	10/1/2018	12/31/2018	0.04348
MCL	02	1/1/2018	3/31/2018	0.04348
MCL	02	1/1/2019	3/31/2019	0.04348
MCL	02	7/1/2018	9/30/2018	0.04348
MCL	02	7/1/2019	9/30/2019	0.04348
MCL	02	10/1/2019	12/31/2019	0.04348
MCL	02	7/1/2019	9/30/2019	0.04348
MCL	02	4/1/2019	6/30/2019	0.04348
MCL	02	1/1/2019	3/31/2019	0.04348
MCL	02	10/1/2018	12/31/2018	0.04348
MCL	02	7/1/2018	9/30/2018	0.04348
MCL	02	4/1/2018	6/30/2018	0.04348
MCL	02	1/1/2018	3/31/2018	0.04348
MCL	02	4/1/2016	6/30/2016	0.04348
MCL	02	10/1/2017	12/31/2017	0.04348
MCL	02	7/1/2017	9/30/2017	0.04348
MCL	02	1/1/2017	3/31/2017	0.04348
MCL	02	4/1/2017	6/30/2017	0.04348
MCL	02	10/1/2016	12/31/2016	0.04348
MCL	02	7/1/2016	9/30/2016	0.04348
MCL	02	1/1/2016	3/31/2016	0.04348
MCL	02	10/1/2019	12/31/2019	0.05263
MCL	02	7/1/2019	9/30/2019	0.05263
MCL	02	4/1/2019	6/30/2019	0.05263
MCL	02	1/1/2019	3/31/2019	0.05263
MCL	02	10/1/2018	12/31/2018	0.05263
MCL	02	7/1/2018	9/30/2018	0.05263
MCL	02	4/1/2018	6/30/2018	0.05263
MCL	02	1/1/2018	3/31/2018	0.05263
MCL	02	10/1/2017	12/31/2017	0.05263
MCL	02	7/1/2017	9/30/2017	0.05263
MCL	02	4/1/2017	6/30/2017	0.05263
MCL	02	1/1/2017	3/31/2017	0.05263
MCL	02	10/1/2016	12/31/2016	0.05263
MCL	02	7/1/2016	9/30/2016	0.05263
MCL	02	4/1/2016	6/30/2016	0.05263
MCL	02	1/1/2016	3/31/2016	0.05263
MCL	02	10/1/2015	12/31/2015	0.05263
MCL	02	7/1/2015	9/30/2015	0.05263
MCL	02	4/1/2015	6/30/2015	0.05263
Other	75	9/30/2018		0.33333
Other	75	8/30/2018		0.33333
Other	75	9/1/2018		0.33333
MCL	02	10/1/2019	12/31/2019	0.05263
MCL	02	7/1/2019	9/30/2019	0.05263
MCL	02	4/1/2019	6/30/2019	0.05263
MCL	02	1/1/2019	3/31/2019	0.05263
MCL	02	10/1/2018	12/31/2018	0.05263
MCL	02	7/1/2018	9/30/2018	0.05263
MCL	02	4/1/2018	6/30/2018	0.05263
MCL	02	1/1/2018	3/31/2018	0.05263
MCL	02	10/1/2017	12/31/2017	0.05263
MCL	02	7/1/2017	9/30/2017	0.05263

MCL	02	4/1/2017	6/30/2017	0.05263
MCL	02	1/1/2017	3/31/2017	0.05263
MCL	02	10/1/2016	12/31/2016	0.05263
MCL	02	7/1/2016	9/30/2016	0.05263
MCL	02	4/1/2016	6/30/2016	0.05263
MCL	02	1/1/2016	3/31/2016	0.05263
MCL	02	10/1/2015	12/31/2015	0.05263
MCL	02	7/1/2015	9/30/2015	0.05263
MCL	02	4/1/2015	6/30/2015	0.05263
MCL	02	10/1/2019	12/31/2019	0.05263
MCL	02	7/1/2019	9/30/2019	0.05263
MCL	02	4/1/2019	6/30/2019	0.05263
MCL	02	1/1/2019	3/31/2019	0.05263
MCL	02	10/1/2018	12/31/2018	0.05263
MCL	02	7/1/2018	9/30/2018	0.05263
MCL	02	4/1/2018	6/30/2018	0.05263
MCL	02	1/1/2018	3/31/2018	0.05263
MCL	02	10/1/2017	12/31/2017	0.05263
MCL	02	7/1/2017	9/30/2017	0.05263
MCL	02	4/1/2017	6/30/2017	0.05263
MCL	02	1/1/2017	3/31/2017	0.05263
MCL	02	10/1/2016	12/31/2016	0.05263
MCL	02	7/1/2016	9/30/2016	0.05263
MCL	02	4/1/2016	6/30/2016	0.05263
MCL	02	1/1/2016	3/31/2016	0.05263
MCL	02	10/1/2015	12/31/2015	0.05263
MCL	02	7/1/2015	9/30/2015	0.05263
MCL	02	4/1/2015	6/30/2015	0.05263

PIVOTCOUNTERENFS	PIVOTCOUNTERPWSS_FORMALONLY	PIVOTCOUNTERENFS_FORMALONLY
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**Federally-reportable Violation Code Reference Sheet (last updated 06/2016)**

VCode	Violation Name	Vtype	Applicable rules and contaminant codes (CCodes)						Specific rule and contaminant codes shown here are for general reference. For full information on federally reportable violations please see official reporting guidance.
1	MCL, Single Sample	MCL							
2	MCL, Average	MCL	DBP Stage 2 2456, 2950	DBP Stage 1 1009, 1011, 2456, 2950	Rads 4000/ 06/ 10,4100*/ 01/02*/74*, 4264*	Nitrates 1038, 1040, 1041	IOCs 1005/ 10/ 15/ 20/ 24/ 25/ 35/ 36*/ 45/ 74/ 75/ 85/ 94	VOCs 2378/ 80, 2955/ 64/ 68/ 69/ 76/ 77/ 79/ 80/ 81/ 82/ 83/ 84/ 85/ 87/ 89/ 90/ 91/ 92/ 96	SOCs 2005/ 10/ 15/ 20/ 31/ 32/ 33/ 34/ 35/ 36/ 37/ 39/ 40/ 41/ 42/ 46/ 50/ 51/ 63/ 65/ 67, 2105/ 10, 2274/ 98, 2306/ 26/ 83/ 88/ 90/ 92/ 94/ 96/ 98, 2400, 2931/ 46/ 59
3	Monitoring, Regular	MR							
4	Monitoring, Check/Repeat/Confirmation	MR							
5	Notification, State	Other	GW Rule 0700						
6	Notification, Public	Other							
7	Treatment Techniques	TT	SOC 2257,2265						
8	Variance/Exemption/Other Compliance	Other							
9	Record Keeping	Other	FBR 0500	IESWTR/LT1 0300	GW Rule 0700	LCR 5000	DBP Stage 2 2456, 2950		
10	Operations Report	Other	Various						* codes in red are required for monitoring only
11	Non-Acute MRDL	MRDL	DBP Stage 1 0999, 1006/08						
12	Treatment Technique No Certif. Operator	TT	DBP Stage 1 0400						
13	Acute MRDL	MRDL	DBP Stage 1 1008						
19	Monitoring, GWR Assessment Source Water	MR	GW Rule 3002, 3014,3028						
20	Failure to Respond/Consult with State	Other	GW Rule 0700						
21	MCL, Acute (TCR)	MCL							
22	MCL, Monthly (TCR)	MCL							
23	Monitoring, Routine Major (TCR)	MR							
24	Monitoring, Routine Minor (TCR)	MR							
25	Monitoring, Repeat Major (TCR)	MR							
26	Monitoring, Repeat Minor (TCR)	MR							
27	Monitoring and Reporting Stage 1	MR	DBP Stage 1 0400, 0999, 1006/08/09/11, 2456, 2920, 2950		DBP Stage 2 2456, 2950				
28	Sanitary Survey (TCR)	Other	TCR - No Code	GW Rule 0700					
29	M&R Filter Profile/CPE Failure	MR	IESWTR/LT1 0300						
30	Failure to submit monitoring plan or collect monitoring data (DBP2)	MR	DBP Stage 2 0600, 2456, 2950						
31	Monitoring (UNFILTERED), Routine/Repeat (SWTR-Unfilt and GWR-Unfiltered) - Major & Minor	MR	SWTR 0200	GW Rule 0700					
32	Failure to submit source water monitoring plan (LT2/GWR) and Failure to conduct source water monitoring	MR	LT2ESWTR 0100, 0800, 3014, 3015						
33	Failure to submit Bin Determination Report	TT	LT2ESWTR 0800						
34	Source Monitoring, M&R (GWR)	MR	GW Rule 0700, 3002, 3014, 3028						
35	Failure to Submit Stage 2 DBPR Report (DPB2)	MR	DBP Stage 2 0600, 2456, 2950						
36	Monitoring, Routine/Repeat (SWTR) - Major & Minor; Residual Disinfectant (all) & Filter Turbidity Reporting (slow sand and diatomaceous earth only)	MR	SWTR 0200	LT2ESWTR 0800					
37	Treatment Technique State Prior Approval	TT, except MR for 0800	IESWTR/LT1 0300	DBP Stage 1 0400	LT2ESWTR 0800				
38	M&R Filter Turbidity Reporting	MR	IESWTR/LT1 0300						
39	M&R (FBR)	MR	FBR 0500						
40	Treatment Technique (FBRR)	TT							
41	Failure to Maintain Microbial Treatment	TT	SWTR 0200	LT2ESWTR 0800	GW Rule 0700				
42	Failure to Filter (SWTR) / Failure to Provide Treatment	TT		LT2ESWTR 0800	GW Rule 0700				
43	Treatment Technique Exceeds Turb 1 NTU	TT	IESWTR/LT1 0300						
44	Treatment Technique Exceeds Turb 0.3 NTU	TT							
45	Failure to Address Deficiency	TT	IESWTR/LT1 0300	LT2ESWTR 0800	GW Rule 0700				
46	Treatment Technique Precursor Removal	TT	DBP Stage 1 2920						
47	Treatment Technique Uncovered Reservoir	TT	IESWTR/LT1 0300	LT2ESWTR 0800					
48	Failure to Address Contamination (GWR)	TT	GW Rule 0700						
51	Initial Tap Sampling for Pb and Cu	MR							
52	Follow-up and Routine Tap Sampling	MR							
53	Initial Water Quality Parameter WQP M&R	MR							
56	Initial Follow-up, or Routine SOWT M&R	MR	LCR 5000						
57	OCCT Study Recommendation	TT							
58	OCCT Installation/Demonstration	TT							
59	WQP Entry Point Non-Compliance	TT							
63	MPL Non-Compliance	TT	LCR 1022,1030						
64	Lead Service Line Replacement (LSLR)	TT	LCR 5000						
65	Public Education	TT							
66	Lead Consumer Notification	MR	LCR-STR 5000						
71	CCR Complete Failure to Report	Other	CCR 7000						
72	CCR INADEQUATE REPORTING	Other	GW Rule 0700						
73	Failure to Notify Other PWS (GWR)	Other							
75	PN Violation for NPDWR Violation	Other	PN 7500						
76	Other Non-NPDWR Potential Health Risks	Other							

\* Note that for purposes of assigning "ETT Points", the Enforcement Targeting Tool groups violations at a PWS under the same rule, with the same compliance period begin date and end date and violation code. For example, if a system fails to monitor for the entire group of 21 Volatile Organic Contaminants, 1 point is assigned for the entire VOC group, instead of a point for each contaminant. Other examples of contaminants that could be grouped include: Stage 1 TTHM and HAA5 M/R; Radium Gross Alpha and Combined Radium MCL, IOC M/R, SOC M/R, etc. Note that this methodology will also "group" like violations that occur at multiple entry points.

VCode	Violation Name	Vtype	Rule and CCode
1A	MCL, E. coli	MCL	
2A	TT, Level 1 Assessment	TT	
2B	TT, Level 2 Assessment	TT	
2C	TT, Corrective/Expedited Actions	TT	
2D	Start-up Procedures Treatment Technique TT		
3A	Monitoring, Routine	Monitoring	
3B	Monitoring, Additional Routine	Monitoring	
3C	Monitor Coliform Turbidity Trigger	Monitoring	
3D	Monitoring, Lab Cert/Method Error	Monitoring	
4A	Reporting, Assessment Forms	Reporting	
4B	Report Sample Result/Fail Monitor	Reporting	
4C	Report Startup Procedures Cert Form	Reporting	
4D	Notification, E. coli Positive	Reporting	
4E	Notification, E. coli MCL	Reporting	
4F	Notify L1/L2 TT Vio, Correct Action	Reporting	
5A	Sample Siting Plan Errors	Other	
5B	Recordkeeping Violations	Other	